WHAT IS CLAIMED IS:

1. A printing system which includes a printer and a computer each including a communication interface for transferring information therebetween,

wherein said printer comprises:

an operation panel for entering a store instruction and a print instruction of image data to be read out from a memory readable by said printer;

an operation panel controller for notifying the instruction entered from said operation panel to said computer by generating an interrupt event; and

a printer engine for printing, and

wherein said computer comprises:

a data transfer unit for transferring and receiving an image and print data to and from said printer;

an interrupt controller for detecting the interrupt event sent from said printer;

a storage control unit for storing data from said memory into a storage area in accordance with the interrupt event detected by said interrupt controller; and

an output control unit for outputting as print data the data stored in said storage area to said printer in accordance with said notified interrupt event.

2. A printing system according to claim 1, wherein said computer further comprises a storage information management unit for transmitting storage information to an external apparatus, the storage information being representative of storage destination information of data stored in response to a storage request of the interrupt event,

wherein said operation panel can enter a select instruction and a print instruction of data in said computer in accordance with the storage information, and wherein said operation panel controller generates the interrupt event in response to the select instruction or the print instruction from said operation panel.

3. A printing system according to claim 1, wherein said storage information management unit deletes data stored in the storage area in response to a delete request of the interrupt event,

wherein said operation panel can enter a select instruction and a delete instruction for data stored in said computer in accordance with the storage information; and

wherein said operation panel controller generates delete request information corresponding to the select instruction or the delete instruction from said operation panel and issuing the interrupt event of the generated information to said computer.

4. A printing system according to claim 1, wherein said operation panel can enter a synthesized print instruction with selecting both image data stored in said computer and image data in the memory readable by said printer.

5. A control method for a printing system which includes a printer and a computer each including a communication interface for transferring information therebetween, the control method comprising:

a first detecting step of, each time a first predetermined button mounted on an operation panel of said printer is operated, detecting an interrupt event transferred from said printer to said computer;

a storing step of, in accordance with the interrupt event detected in said first detecting step, effecting control to store image data read from an external memory readable by said printer into a storage area of said computer;

a second detecting step of, each time a second predetermined button mounted on the operation panel of said printer is operated, detecting an interrupt event transferred from said printer to said computer;

and

an output step of outputting image data stored in the storage area to said printer, as print data in accordance with the interrupt event detected by said detecting step.

6. A control method according to claim 5 further comprising a storage information transmission step of transmitting storage information from said computer to said printer, the storage information being representative of storage destination information of data stored in response to a storage request of the interrupt event,

wherein said second detecting step generates an interrupt event for selecting the data in the storage area of said computer in accordance with the storage information and in response to an instruction by the second button.

7. A control method according to claim 5, wherein the operation panel has a third predetermined button for entering a select instruction and a delete instruction of the data in the storage area, said control method further comprising a step of generating delete request information corresponding to an instruction from said third button and

generating an interrupt event for the generated information to said computer.

8. A storage medium storing a program for realizing a control method for a printing system which includes a printer and a computer each including a communication interface for transferring information therebetween, the program comprising:

a first detecting step of, each time a first predetermined button mounted on an operation panel of said printer is operated, detecting an interrupt event transferred from said printer to said computer;

a storing step of, in accordance with the interrupt event detected in said first detecting step, effecting control to store image data read from an external memory readable by said printer into a storage area of said computer;

a second detecting step of, each time a second predetermined button mounted on the operation panel of said printer is operated, detecting an interrupt event transferred from said printer to said computer; and

an output step of outputting image data stored in the storage area to said printer, as print data in accordance with the interrupt event detected by said detecting step.

9. A program for realizing a control method for a printing system which includes a printer and a computer each including a communication interface for transferring information therebetween, comprising:

a first detecting step of, each time a first predetermined button mounted on an operation panel of said printer is operated, detecting an interrupt event transferred from said printer to said computer;

a storing step of, in accordance with the interrupt event detected in said first detecting step, effecting control to store image data read from an external memory readable by said printer into a storage area of said computer;

a second detecting step of, each time a second predetermined button mounted on the operation panel of said printer is operated, detecting an interrupt event transferred from said printer to said computer; and

an output step of outputting image data stored in the storage area to said printer, as print data in accordance with the interrupt event detected by said detecting step.